

CS8240 | Speed Dome 2MP Outdoor IR Speed Dome

www.zavio.com

ZAVIO
Innovating IP since 2006



- 1/2.8" 2MP Starlight CMOS sensor
- 30x Optical Zoom
- Smart Codec + H.265
- 1080p @ 30fps
- 120dB WDR
- 150m IR range with Adaptive IR
- ROI (Region Of Interest)
- Defog
- Operating conditions -40~ 60°C
- Micro SD/SDHC/SDXC card slot up to 128GB
- Two-way audio
- 2 alarm in / 1 alarm out
- 24V DC & PoE (802.3at)
- IP66 & IK10
- ONVIF 2.4 & Profile S

ZAVIO speed dome series are outdoor-ready vandal-resistant cameras designed for the most demanding video surveillance applications, offering wide area coverage with great details, featuring Smart Codec, Starlight sensor, extreme WDR, long distance Adaptive IR and 360° continuous rotation. Perfect for airports, harbours, stadium and industrial plants.

To benefit from the camera's maximum potential, please use with ZAVIO NVRs and Management Software Z+. They provide seamless integration with ZAVIO IP cameras, featuring embedded camera settings and batch maintenance. Download ZAVIOR mobile APP to get instant access to your devices and manage them anytime anywhere.

Features

Smart Codec + H.265

ZAVIO Smart Codec + H.265 reduces bandwidth and storage requirements by a stunning 80% compared to standard H.264 camera.



WDR off



WDR on

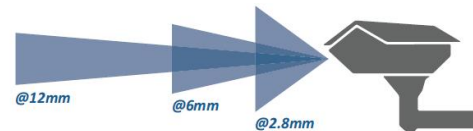
WDR

Cameras with WDR will take multiple exposures of the full scene and merge them together to provide an image that extends further than the human eye can perceive.

Adaptive IR

Provides 2 dimensions adaptation:

- 1) The angle of the IR illuminators automatically changes in sync with the camera's zoom position.
- 2) The brightness of the IR illuminators automatically adjusts to the scene content, effectively avoiding overexposure of objects that are too close to the camera.



Other Cameras

ZAVIO Starlight Cameras

Starlight

Combined with cutting-edge sensor technology, advanced noise reduction and high frame rate, Starlight cameras can capture highly detailed color images of fast moving objects even under challenging lighting conditions.

ROI (Region Of Interest)

Defining a Region Of Interest will allow you to spend less bandwidth in areas that are less important while relocating resolution on the most relevant areas.



Technical Specifications

Camera

Camera Type	2MP Outdoor IR Speed Dome
Image sensor	1/2.8" Starlight CMOS sensor
Lens	4.5-135mm, F1.6(W)-4.4(T)
Horizontal view angle	57° - 2.02°
IR working distance	150m effective range with Adaptive IR
Min	0.001 lux @ F1.6 (color) 0.0001 lux @ F1.6 (B/W)
WDR	120dB
Day/Night function	Mechanical IR cut filter, Light sensor

Video & Audio

Resolutions	Motion JPEG/H.264/H.265: 2 Profile from 1920 x 1080 to 320 x 240 (total 5 resolutions) 2 Profile from 640 x 480 to 320 x 240 (total 3 resolutions)
Video compression	Motion JPEG H.264 baseline/ main profile/high profile H.265
Frame rate	H.265/H.264: up to 30 fps at 1920 x 1080 Motion JPEG : up to 30 fps at 1920 x 1080
Video	Simultaneous Motion JPEG, H.264, H.265 Controllable frame rate and bandwidth Support unicast and multicast (RTSP)
Image settings	Rotation: mirror, flip, mirror flip Brightness, contrast, saturation, sharpness Overlay capabilities: time, date, text and privacy Image ROI, White balance (auto/manual) 3D DNR Defog
Audio support	Two-way audio
Audio compression	G.711A

I/O & Connector

Ethernet	RJ-45 Ethernet 10/100 Base -T
Power Supply	Terminal block, - 24V DC, + 24V DC, GND Power consumption: Max 36W PoE(Power over Ethernet) built-in IEEE 802.3at
Alarm I/O	Terminal block, 2/1
Audio connector	RCA
Analog video output	BNC
RS-485	-
Edge storage	Micro SD/SDHC/SDXC up to 128GB
Buttons	Reset push button

Alarm & Event

Event type	Alarm input, motion detection, audio detection, periodical, network link down.
Alarm action	Network storage, edge storage, FTP, SMTP, HTTP event, HTTPS, alarm out pre and post event image.

Network

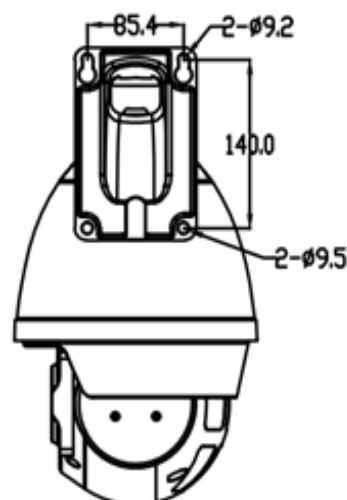
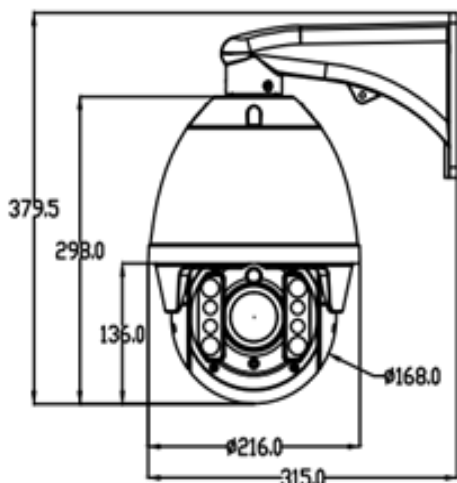
Users	10 simultaneous users
Security	Multiple user access levels with password protection, HTTPS encryption
Supported protocols	IPv4, IPv6, Bonjour, TCP/ IP, DHCP, DNS, DynDNS, PPPoE, ARP, ICMP, FTP, SMTP, NTP, UPnP, RTSP, RTP, RTCP, HTTP, HTTPS, SSL, TCP, UDP
ONVIF	2.4 & Profile S

General

Housing	Aluminum Alloy
Ingress Protection	IP66 rated weatherproof housing
Impact Protection	IK10 rated vandal-proof housing
Operating conditions	Starting temperature: -20 ~ 60°C Humidity 10-100% RH Working temperature: -40~ 60°C Humidity 10-100% RH
Dimensions	φ216 x 379.5mm
Weight	6.7kg excl. power supply
Accessories (included)	Quick installation guide, wall mount, mounting and connector kit.
Accessories (optional)	AS-C01 (Joystick Controller)
Certification	CE, FCC, RoHS
Language	Chinese, Croatian, Czech, Danish, Dutch, English, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Polish, Portuguese, Russian, Slovak, Spanish, Swedish, Turkish

System Requirements

Operating system	Windows XP / 7 / 8 / 8.1, MAC OS, Linux
Browser	Internet Explorer 9 / 10 / 11, Chrome, Firefox, Safari



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